

CA - PMM

Project Name: Waste Tire System Admin, Permitting, Enforcement - Upgrades

OCIO Project #: Not applicable - delegated

Department: Dept of Resources Recycling and Recovery

Revision Date:

Concept Statement

Description

Brief description of the proposed project:

Ongoing enhancement to various components of the existing Waste Tire automated systems for inspections, enforcement, permitting, manifesting, etc. These applications are all systems developed using CalRecycle's older Netframe framework for use with ASP.net technology. Cost for contractor assistance with development due to expertise required.

Need Statement

High Level Functional Requirements:

Rewrite and upgrade existing system for consistency with CalRecycle's most current automated environment: ASP.net. C#, SAScore, SQL Server, etc.

What is Driving This Need?

Ongoing technology refresh needs. New business requirements stemming from the creation of the new organization CalRecycle in 2010 and the 2008 effort to realign its core business functions of the prior CIWMB.

Risk to the Organization if This Work is Not Done:

Failing to upgrade at some point leads to systems which are difficult to maintain "legacy" systems. This could reduce CalRecycle's ability to effectively manage the various elements of the Tire Program.

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Benefit Statement

Intangible Benefits

Process Improvements (describe the nature of the process improvement):

Redevelop existing system and upgrade as appropriate.

Other Intangible Benefits:

Tangible Benefits

Revenue Generation (describe how revenue will be generated):

Not applicable.

Cost Savings (describe how cost will be reduced):

Not applicable.

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Cost Avoidance (describe the cost and how avoided):

Not applicable.


Risk Avoidance (describe the risk and how avoided):

No significant risk. CalRecycle is well-versed in newest technology base. All work will proceed in parallel with existing automated system.

Improved Services:

More modern technology and moderate system upgrades will lead to more responsive, more flexible system and continue CalRecycle's model of providing high level service for very low cost.

Consistency

| "No" Responses  | | Rationale | Action Required |
|---|--|-----------|-----------------|
| Enterprise Architecture | | | |
| Business Plan | | | |
| Strategic Plan | | | |
| | | | |

Impact to Other Entities

Nature of Impact to Other Entities

Entity:

Describe the nature of the impact:

Not applicable.

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| |
|---|
| |
| Entity: |
| <i>Describe the nature of the impact:</i> |
| |
| Entity: |
| <i>Describe the nature of the impact:</i> |
| |
| Entity: |
| <i>Describe the nature of the impact:</i> |
| |

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Solution Alternatives

Alternative 1:

Enhance and upgrade as needed existing ASP.net v1 application to convert it to C#, ASP.net, SAScore, SQL Server. Cost to redevelop and enhance is minimal. This solution is the least disruptive for the customer base.

Technical Considerations for Alternative 1:

No significant concerns.

ROM Cost: _____ to _____

Note: high end of range must not exceed 200% of low end of range

Alternative 2:

No reasonable alternative other than to simply delay due to resource constraints.

Technical Considerations for Alternative 2:

Not applicable.

ROM Cost: _____ to _____

Note: high end of range must not exceed 200% of low end of range

Alternative 3:

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| Technical Considerations for Alternative 3: | | |
|---|----|--|
| | | |
| ROM Cost: | to | Note: high end of range must not exceed 200% of low end of range |

Recommendation

Comparison:

| Alternative 1 | ROM Cost | | | Risk |
|--------------------------------|----------|---|-----|------|
| Upgrade & Enhance Tire Systems | \$0 | - | \$0 | Low |
| Alternative 2 | ROM Cost | | | Risk |
| | \$0 | - | \$0 | |
| Alternative 3 | ROM Cost | | | Risk |
| | \$0 | - | \$0 | |

Conclusions:

| | |
|---|--|
| 1 | |
| 2 | |
| 3 | |
| 4 | |

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Recommendation:

Note - "Project Approach" section below does not appear to be functioning correctly. Updates cannot be made.

Project Approach *(if known)*

| | | | | | | | |
|---------------------------------|---------------------------------------|--|----------------------------------|---|-----------------------------------|-------------------------|---|
| System Complexity: | | | | System Business Hours: <i>(e.g., 24x7, 9am-5pm)</i> : | | | |
| Architecture | <input type="checkbox"/> Mainframe | <input type="checkbox"/> Client Server | X | <input type="checkbox"/> Web Based | Num. of New Databases: | 0 | |
| Technology | <input type="checkbox"/> New | <input type="checkbox"/> New to Staff | X | <input type="checkbox"/> In-House Experience | Interfaces: | Internal | |
| Implementation | <input type="checkbox"/> Central Site | <input type="checkbox"/> Phased Roll-out | | | | Num. of Sites: | 1 |
| M & O Support | <input type="checkbox"/> Contractor | <input type="checkbox"/> Data Center | <input type="checkbox"/> Project | X | <input type="checkbox"/> In House | | |
| Procurement Approach: | | | | | | Number of Procurements: | |
| | | | | | | | |
| Open Procurement? | | | Delegated Procurement? | | | | |
| Scope of Contract | <input type="checkbox"/> Development | <input type="checkbox"/> Implementation | <input type="checkbox"/> M & O | <input type="checkbox"/> Other: | | | |
| Anticipated Length of Contract: | | Years / | | extensions for | | years | |